

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	370	82/127.cds.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/03/10 14:43
L10	141	82/127.cds. and (threads or screw)	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/03/10 14:44
L11	48	82/127.cds. and (threads or screw) and bush\$3	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/03/10 14:47
L12	86	82/127.cds. and (threads or screw) and (bush\$3 or collet)	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/03/10 14:47
L13	26	"677681"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/10 15:10
L14	126	(US-20080261771-\$ or US- 20070246372-\$ or US- 20070227317-\$ or US- 20070224007-\$ or US- 20070199415-\$ or US- 20070169954-\$ or US- 20060260148-\$ or US- 20060096855-\$ or US- 20060084549-\$ or US- 20050188578-\$ or US- 20050114390-\$ or US- 20050109175-\$ or US- 20050082770-\$ or US- 20050016339-\$ or US- 20040206193-\$ or US- 20030205864-\$ or US- 20030143046-\$ or US- 20030101855-\$ or US- 20030057662-\$ or US- 20030019701-\$ or US- 20020033081-\$ or US- 20020145261-\$ or US- 20020066573-\$ or US- 20010035038-\$ or US- 20010003934-\$).did. or	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/10 15:26

(US-7464628-\$ or US-6341761-\$ or US-6337000-\$ or US-6065378-\$ or US-5350026-\$ or US-5243885-\$ or US-5172617-\$ or US-5050840-\$ or US-4793750-\$ or US-4701653-\$ or US-4468897-\$ or US-3741572-\$ or US-5398741-\$ or US-5207134-\$ or US-5032043-\$ or US-0718955-\$ or US-6345937-\$ or US-6220798-\$ or US-4067251-\$ or US-3620131-\$ or US-7407349-\$ or US-7260877-\$ or US-6487946-\$ or US-5664900-\$ or US-5228813-\$ or US-6394710-\$).did. or (US-5209617-\$ or US-4732063-\$ or US-4432259-\$ or US-3361013-\$ or US-2189604-\$ or US-4343576-\$ or US-3442161-\$ or US-2826943-\$ or US-4129220-\$ or US-3094023-\$ or US-2201287-\$ or US-5036735-\$ or US-4493041-\$ or US-5133566-\$ or US-4971339-\$ or US-4057259-\$ or US-3779566-\$ or US-3719367-\$ or US-7527270-\$ or US-5186567-\$ or US-4413539-\$ or US-5946992-\$ or US-5662014-\$ or US-7555973-\$ or US-4943071-\$ or US-3718339-\$ or US-5772219-\$).did. or (US-3612298-\$ or US-3664215-\$ or US-4034632-\$ or US-4914992-\$).did. or (US-2201287-\$).did. or (EP-1731248-\$ or EP-1704950-\$ or WO-2005065870-\$ or WO-2005065869-\$ or DE-3320044-\$ or EP-408379-\$ or EP-311846-\$).did. or (JP-2007118163-\$ or JP-2006150512-\$ or JP-2003039215-\$ or JP-09225702-\$ or JP-07328805-\$ or JP-07088709-\$ or JP-04115804-\$ or JP-56119304-\$ or JP-59182006-\$ or JP-61079507-\$ or JP-60141409-\$ or JP-58004305-\$ or JP-

		02124202-\$).did. or (JP-2007118163-\$ or WO-2006046629-\$ or JP-11235604-\$ or JP-11235603-\$ or JP-11226803-\$ or JP-09038802-\$ or EP-700742-\$ or DD-249653-\$ or SU-1284707-\$ or SU-931306-\$ or DE-2610176-\$ or DE-102007009296-\$ or DE-102007013980-\$ or DE-3603561-\$ or EP-26042-\$ or SU-486868-\$ or SU-1131603-\$ or CN-1792524-\$ or DE-19853525-\$ or DE-2934910-\$ or DE-3531011-\$ or SU-1110548-\$ or SU-1222422-\$).did.				
L15	48	14 and pin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/10 15:26
L16	2	"0475152"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/10 16:05
L17	31	"475152"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/10 16:05
S1	61311	lathe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 08:34
S2	9791956	(material or workpiece or stock)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 08:34
S3	6293566	(guide or support)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 08:35

S4	20119	S1 and S2 and S3	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 08:36
S5	290040	(bush\$3)	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 08:37
S6	1341	S4 and S5	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 08:40
S7	1	(10/583727).APP.	USPAT; USOCR	AND	ON	2009/03/09 09:36
S8	7	("2273369" "4180894" "4831906" "4998455" "5924344" "6665579"). PN. OR ("7464628"). URPN.	US-PGRUB; USPAT; USOCR	AND	ON	2009/03/09 09:36
S9	51898	feed near5 screw	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 09:53
S10	72	S6 and S9	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 09:53
S11	72	S6 and S9	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 09:53
S12	202	408/146.ccls.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 09:58
S13	280	408/147.ccls.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:01

S14	275	S13 not S12	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:02
S15	283	408/153.ccls.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:13
S16	272	S15 not S13 not S12	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:14
S17	226	408/154.ccls.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:17
S18	216	S17 not S15 not S13 not S12	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:18
S19	75	408/155.ccls.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:24
S20	70	S19 not S17 not S15 not S13 not S12	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:24
S21	589	82/130.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:26
S22	370	S21 not S19 not S17 not S15 not S13 not S12	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:26
S23	968	82/124.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:29

S24	724	S23 not S19 not S17 not S15 not S13 not S12	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:29
S25	5	S24 and (bush\$3) and (feed near5 screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:30
S26	1125	82/152.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:31
S27	635	S26 not S23 not S19 not S17 not S15 not S13 not S12	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:31
S28	1107	82/142.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:36
S29	615	S28 not S26 not S23 not S19 not S17 not S15 not S13 not S12	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:36
S30	28	S29 and bush\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 10:37
S31	15	("20050082770" "20070224007" "20070227317" "3876214" "5133566" "5207134").PNL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 15:38
S33	71	82/155.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 15:41

S34	1	((guide near5 bush) same (collet)) same (translation \$3 or forward or backward) and (feed near10 screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/03 11:32
S35	2	((guide near5 bush) same (collet)) same (translation \$3 or forward or backward) and (threads)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/03 11:33
S36	2	((guide near5 bush) same (collet)) same (translation \$3 or forward or backward) and (threads)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/03 11:34
S37	12	((guide near5 bush) same (collet)) same (translation \$3 or forward or backward)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/03 11:34
S38	764	collet near5 actuator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/03 11:36
S41	554	(collet near5 actuator)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2009/08/03 11:37
S42	554	(collet near5 actuator)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2009/08/03 11:37
S43	463	(collet near5 actuator) and (translate\$5 or forward or backward or up or down)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2009/08/03 11:39
S44	337	S43 @pd< "20050330"	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2009/08/03 11:39
S45	157	(collet near5 actuator) same (translate\$5 or forward or backward or up or down)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2009/08/03 11:40
S46	20	(collet near5 actuator) same ((translate\$5 or forward or backward or up or down) same threads)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2009/08/03 14:02

S47	4	(collet near5 actuator) same ((translate\$5 or forward or backward or up or down) same key\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2009/08/03 14:06
S49	63	((guide near5 bush) same (collet))	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2009/08/03 14:22
S50	35	("2652737" "3725987" "3727493" "3813745" "4040316" "4130033" "4180894" "4296657"). PN. OR ("4413539"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/08/03 14:30
S51	35	("1648032" "20060055125" "2360968" "2398278" "2499781" "2541078" "2573928" "2734749" "2914330" "3165279" "3385147" "3574385" "3638979" "3665657" "3704640" "3990690" "4720114" "4916792" "5074536" "5133566" "5149111" "5595376" "6568889" "6739600" "6862785").PN. OR ("7527270").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/08/03 15:40
S52	2	"5662014".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/03 15:44
S53	0	(08/913187).APP.	USPAT; USOCR	AND	ON	2009/08/03 15:47
S54	103	(US-20080261771-\$ or US- 20070246372-\$ or US- 20070227317-\$ or US- 20070224007-\$ or US- 20070199415-\$ or US- 20070169954-\$ or US- 20060260148-\$ or US- 20060096855-\$ or US- 20060084549-\$ or US- 20050188578-\$ or US- 20050114390-\$ or US- 20050109175-\$ or US- 20050082770-\$ or US- 20050016339-\$ or US- 20040206193-\$ or US- 20030205864-\$ or US- 20030143046-\$ or US- 20030101855-\$ or US- 20030057662-\$ or US-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/05 11:02

20030019701-\$ or US-
20020033081-\$ or US-
20020145261-\$ or US-
20020066573-\$ or US-
20010035038-\$).did. or
(US-7464628-\$ or US-
6341761-\$ or US-6337000-
\$ or US-6065378-\$ or US-
5350026-\$ or US-5243885-
\$ or US-5172617-\$ or US-
5050840-\$ or US-4793750-
\$ or US-4701653-\$ or US-
4468897-\$ or US-3741572-
\$ or US-5398741-\$ or US-
5207134-\$ or US-5032043-
\$ or US-0718955-\$ or US-
6345937-\$ or US-6220798-
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3620131-\$ or US-7407349-
\$ or US-7260877-\$ or US-
6487946-\$ or US-5664900-
\$ or US-5228813-\$ or US-
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5209617-\$ or US-4732063-
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3361013-\$ or US-2189604-
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3442161-\$ or US-2826943-
\$ or US-4129220-\$ or US-
3094023-\$ or US-2201287-
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4493041-\$ or US-5133566-
\$ or US-4971339-\$ or US-
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7527270-\$ or US-5186567-
\$ or US-4413539-\$ or US-
5946992-\$ or US-5662014-
\$).did. or (US-2201287-\$).
did. or (EP-1731248-\$ or
EP-1704950-\$ or WO-
2005065870-\$ or WO-
2005065869-\$ or DE-
3320044-\$ or EP-408379-
\$).did. or (JP-2007118163-
\$ or JP-2006150512-\$ or
JP-2003039215-\$ or JP-
09225702-\$ or JP-
07328805-\$ or JP-
07088709-\$ or JP-
04115804-\$ or JP-
56119304-\$ or JP-
59182006-\$ or JP-
61079507-\$ or JP-
60141409-\$ or JP-
58004305-\$).did. or (JP-
2007118163-\$ or WO-
2006046629-\$ or JP-

		11235604-\$ or JP- 11235603-\$ or JP- 11226803-\$ or JP- 09038802-\$ or EP-700742- \$ or DD-249653-\$ or SU- 1284707-\$ or SU-931306- \$ or DE-2610176-\$).did.				
S55	12	S54 and (feed same screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/05 11:02
S56	2	(7464628 7555973).did.	USPAT	AND	ON	2010/03/05 11:41
S57	14	("20070151429" "20070224007" "2273369" "3926078" "4180894" "4382638" "4413539" "4998455" "5152201" "5924344" "6665579" "7249545" "7464628").PN. OR ("7555973").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/05 11:45
S58	8	("2273369" "4180894" "4831906" "4998455" "5924344" "6665579"). PN. OR ("7464628"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/05 11:47
S59	579	(collet or (guide near bush \$3)) same (nut or screw) and lathe	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/03/05 11:49
S60	439	S59 @pd<"20040331"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/03/05 11:50
S61	2	"4943071".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/05 11:51
S62	370	82/127.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/03/09 16:39
S63	190	82/126.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/03/10 09:07

S65	370	82/127.ccls.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/03/10 09:08
S66	295	S65 not S63	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/03/10 09:08
S67	115	S63 not S65	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/03/10 09:08
S68	371	b23b13/02.cpg.	DERWENT	AND	ON	2010/03/10 09:10
S69	79	b23b13/04.cpg.	DERWENT	AND	ON	2010/03/10 09:33
S70	1188	b23b13/00.cpg.	DERWENT	AND	ON	2010/03/10 09:47
S71	745	S70 not S68 not S69	DERWENT	AND	ON	2010/03/10 09:47
S72	2	"3539193".pn.	DERWENT	AND	ON	2010/03/10 10:26

EAST Search History (Interference)

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3/10/2010 4:14:03 PM**C:\Documents and Settings\jswinney\My Documents\EAST\Workspaces\10594743.wsp**